an extracellular antigen-binding domain of a single chain antibody that binds specifically to an antigen, wherein said antigen is a proteins on the surface of a cell or a viral protein;

a transmembrane domain; and

a cytoplasmic domain which transduces a signal resulting in activation of a secondary messenger system obtained from the CD3 zeta chain, and wherein when said chimeric protein is expressed as a membrane bound protein in a selected mammalian host cell under conditions suitable for expression, said membrane bound protein initiates signaling in said host cell when said extracellular domain binds to said antigen.

59. (Twice amended) A chimeric protein, comprising in the N-terminal to C-terminal direction:

an extracellular antigen-binding domain of a single chain antibody that binds specifically to an antigen, wherein said antigen is a protein on the surface of a cell or a viral protein;

a transmembrane domain, and

a cytoplasmic domain which transduces a signal obtained from the FcεR1 receptor, and wherein when said chimeric protein is expressed as a membrane bound protein in a selected mammalian host cell under conditions suitable for expression, said membrane bound protein initiates signaling in said host cell when said extracellular domain binds to said antigen.

REMARKS

I. In paragraph 4 on page 2 of the Office Action, the Examiner indicated that claim 59 would be allowable if written in independent form.

Claim 59 has been amended consistent with the suggestion of the Examiner.